

CLAIMS

What is claimed is:

1. A video projector, comprising:
 - a housing resting on a support surface;
 - a first base constructed to orient a projection lens along a first projection axis;
 - a second base constructed to orient the projection lens along a second projection axis;
 - wherein the first projection axis is about orthogonal to the second projection axis;
 - a video device providing the video projector with a video signal;
 - video circuitry arranged to generate image information on a source screen; and
 - a lamp and optics arranged to project a video beam onto a viewing surface, the video beam being indicative of the image information.
2. The video projector of claim 1, wherein the first base and the second base are constructed on the outside of the housing, the first base and the second base being about orthogonal.

3. The video projector of claim 1, wherein the first base and the second base are constructed on the inside of the housing, the first base and the second base being about orthogonal.

4. The video projector of claim 1, wherein the video device is a video player inside the housing.

5. The video projector of claim 4, wherein the video device is a DVD player.

6. The video projector of claim 1, wherein the lamp is an incandescent bulb.

7. The video projector of claim 6, wherein the incandescent bulb outputs less than 7000 lumens.

8. The video projector of claim 1, wherein the first projection axis is set off at an angle of about 5 degrees to about 20 degrees relative to the support surface.

9. The video projector of claim 8, wherein the optics are arranged to compensate for distortion effects resulting from the set off angle.

10. The video projector of claim 8, wherein the video circuitry is arranged to compensate for distortion effects resulting from the set off angle.
11. The video projector of claim 1, wherein the second projection axis is set off at an angle of about 95 degrees to about 110 degrees relative to the support surface.
12. The video projector of claim 11, wherein the optics are arranged to compensate for distortion effects resulting from the set off angle.
13. The video projector of claim 11, wherein the video circuitry is arranged to compensate for distortion effects resulting from the set off angle.
14. The video projector of claim 1, wherein the source screen is an LCD panel.
15. The video projector of claim 1, wherein the optics are arranged to be adjusted to support a first aspect ratio or are arranged to support a second aspect ratio.

16. The video projector of claim 15, where the first aspect ratio is 4:3 and the second aspect ratio is 16:9.

17. The video projector of claim 1, wherein the optics includes a mirror, the mirror constructed to be generally convex on one axis, and arranged to reflect the video beam at an adjusted aspect ratio.

18. The video projector of claim 17, wherein the mirror is constructed to adjust a 4:3 video beam into a 16:9 video beam.

19. The video projector of claim 17, where the mirror has a flat surface that can be selected to reflect the video beam at an unadjusted aspect ratio.

20. A video projector, comprising:
a housing resting on a support surface;
a first base constructed to orient a projection lens along a first projection axis;
a second base constructed to orient the projection lens along a second projection axis;
wherein the first projection axis is about orthogonal to the second projection axis;
a TV tuner providing the video projector with a video signal;

video circuitry arranged to generate image information on a source screen; and

a lamp and optics arranged to project a video beam onto a viewing surface, the video beam being indicative of the image information.